

Job Name: 26-2008 - EVWR South Yard
Job Location: Evansville, IN
Contractor: Chastain Excavating

PC: T. Lewis
 TECH: Jared - A
 Plant: 100



Structure ID: **QL1 ST-DCB**

Spec: Storm

Type: BX 6inW, 6inF

Size: 28" x 64"

Rim: 411.44'

Invert: 407.91'

Rim to Invert: 3.53'

Sump: 4"

Floor (Top): 407.577'

Floor Height: 6"

Floor (Bot): 407.077'

Overall Height: 4.333'

Slack: 0.36"

Structure Notes:

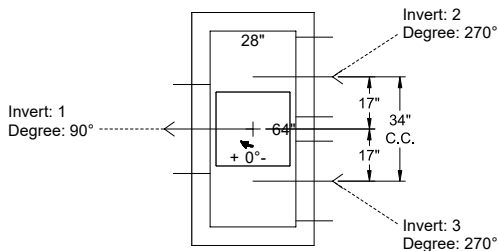
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO STORM INVERT
5. NO STEPS
6. HOE 280T FRAME & GRATE SUPPLIED BY ICAST
7. INVERTS 2 & 3 OFFSET 17" FROM CENTER (34" CENTER-TO-CENTER)

STRUCTURE SUMMARY:

- P3) 24" x 24" - CASTING HEIGHT - 4"
 P2) 28" x 64" - BX FLAT LID 6inW w/24"x24" HOLE F/F - 6"
 P1) 28" x 64" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36"
 1) CASTING - HOE 280T F/G
 1) 28" x 64" - Con seal CS-102 1.00"
 1) 24" x 24" - Con seal CS-102 1.00"
 1) Hole - 29
 2) Hole - 26

0 lb
 1241 lb
 4433 lb
 182 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 5856 lb

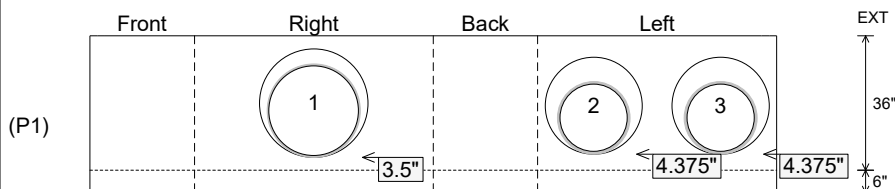


Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	411.44'							
Reducer								
Invert 1	407.91'	90°	24" CMP	25"	29"	Hole 29	3.5"	P1
Invert 2	408'	270°	18" DI	19.5"	26"	Hole 26	4.375"	P1
Invert 3	408'	270°	18" DI	19.5"	26"	Hole 26	4.375"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

24" x 24" - CASTING HEIGHT - 4" - (P3)
 28" x 64" - BX FLAT LID 6inW w/24"x24" HOLE F/F - 6" - (P2)

28" x 64" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36" - (P1)

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: